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DESCRIPTORS: *Pyridines, Chemical reactions,
*Ketones, *Benzils, Carboxylic acids, Azoles, Amines

When alpha-aminopyridine is heated with benzyl at a
temperature of 165-225°, alpha-aminopyridine reacts
in the tautomeric pyridonimido form. The primary
reaction product is 2, 3-diphenyl-2, 3-dihydroxy-2, 3-
dihdropyrimidazole, which in the course of the reaction
undergoes pinacol rearrangement, forming 2, 2-
diphenyl-3-oxo-2, 3-dihdropyrimidazole. The 2, 3-
diphenyl-3-oxo-2, 3-dihdropyrimidazole compound for
(Chemistry--Organic, TT, v. 9, no. 5) (over)

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